

Product Datasheet

DHT ELISA Kit (Colorimetric)

KA1886

Unit Size: 1 Kit

Store at 4C.

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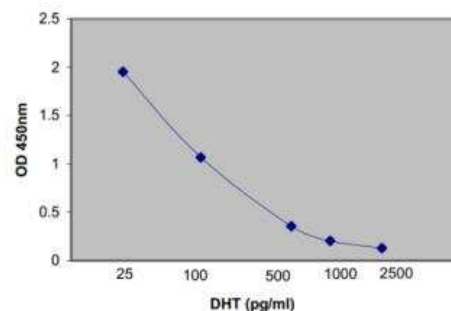
KA1886**DHT ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C.
Product Description	
Description	Quality control test: Standard curve. Dihydrotestosterone ELISA Kit is an enzyme immunoassay for the quantitative determination of Dihydrotestosterone in human serum.
Kit Components	Rat BNP-45 Microplate: A 96 well polystyrene microplate coated with a polyclonal antibody against rat BNP-45., Sealing Tapes: Pressure-sensitive sealing tapes that can be cut to fit the format of the individual assay., Rat BNP45 Standard: Rat BNP-45 in a buffered protein base (lyophilized)., Biotinylated Rat BNP-45 Antibody (50x): A 50-fold biotinylated polyclonal antibody against rat BNP-45., MIX Diluent Concentrate (10x): A 10-fold buffered protein base., Wash Buffer Concentrate (20x): A 20-fold concentrated buffered surfactant., Streptavidin-Peroxidase Conjugate (SP Conjugate): A 100-fold concentrate., Chromogen Substrate: A ready-to-use stabilized peroxidase chromogen substrate tetramethylbenzidine., Stop Solution: A 0.5 N hydrochloric acid to stop the chromogen substrate reaction.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	0 to 300 pg/mL
Sensitivity	6 pg/mL
Inter Assay	CV% < 8.5%
Intra Assay	CV% < 6.92%
Assay Type	Quantification
Spiking Recovery	0.9057
Suitable Sample Type	Serum
Sample Volume	50 uL
Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification
Application Notes	Useful for quantification.



Images

ELISA: DHT ELISA Kit [KA1886] - Typical calibrator curve



Publications

Kim HT, Kim YJ, Park SR et al. NAD(P)H-quinone oxidoreductase 1 silencing aggravates hormone-induced prostatic hyperplasia in mice. *Andrologia* 2017-11-06 [PMID: 29110315]

Al-Trad B, Al-Zoubi M, Qar J et al. Inhibitory Effect of Thymoquinone on Testosterone-Induced Benign Prostatic Hyperplasia in Wistar Rats. *Phytother Res* 2017-09-28 [PMID: 28960541]

Simao VA, Chuffa LG, Camargo IC. Ovarian sex steroid receptors and sex hormones in androgenized rats. *Reproduction* 2016-08-25 [PMID: 27562815]

Sasaki M, Shinozaki S, Shimokado K. Sulforaphane promotes murine hair growth by accelerating the degradation of dihydrotestosterone. *Biochem Biophys Res Commun* 2016-03-25 [PMID: 26923074]

Liu T, Chu X, Huang Y et al. Androgen-related sperm storage in oviduct of Chinese Soft-Shelled Turtle in vivo during annual cycle. *Sci Rep* 2016-02-05 [PMID: 26847578] (WB)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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